

CERTIFICATE

TÜV NORD CERT GmbH

herewith declares that

HYUNDAI ENERGY SOLUTIONS CO., LTD.

55, Bundang-ro, Bundang-gu
Seongnam-si, Gyeonggi-do, 13591
Rep. of Korea

is authorized to provide the product mentioned below with the mark as illustrated:



Description of product (details see Annex 2):

PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells

Valid until: 2024-01-24

Tested according to: IEC 62716:2013 / EN 62716:2013 + AC:2014.
Registered No.: 44 780 20 406749 - 152
Manufacturer: see Annex 1
Test Report No.: 492011465.001
File No.: PVP07054/20P-02



Essen, 2020-08-13



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Certification Body
Consumer Products

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 20 406749 - 152

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Aktenzeichen: / File reference: PVP07054/20P-02

2020-08-13

Manufacturer:

Manufacturer: **Tongwei Solar (Hefei) Co., Ltd.**
No.888, Changning Road, High-tech District
Hefei City, Anhui Province, 230088, P.R. China

Factory inspection report no.: 862010358.003

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.



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Description of product(s):

Module types:	PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells: 432 cells: HiE-SxxxUH (xxx = 445-480, in increment of 5) 408 cells: HiE-SxxxSI (xxx=395-455, in increment of 5) 408 cells: HiE-SxxxUI (xxx=420-455, in increment of 5) 408 cells: HiE-SxxxVI (xxx = 460-500, in increment of 5) 360 cells: HiE-SxxxUF (xxx = 370-400, in increment of 5) 340 cells: HiE-SxxxSG (xxx=325-380, in increment of 5) 340 cells: HiE-SxxxUG (xxx=350-380, in increment of 5) 340 cells: HiE-SxxxVG (xxx = 385-415, in increment of 5)
Maximum system voltage:	1500V
Fuse rating:	20A
Application class:	Class A
Electrical protection class:	Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.



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